

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A data distribution system comprising:

a mobile information table for storing reference required time periods which are references of required time periods required when a radio terminal moves to a destination that is a place of a destination of movement from departure places which are origins of the movement, respectively, and that is a place where utilization of information distributed in advance is conducted by means of the radio terminal, in accordance with mobile means which is used for movement;

015 movement specifying means for specifying departure places and destinations stored in ~~this~~ the mobile information table in accordance with a movement schedule together with starting date and hour of the movement and the mobile means;

error calculating means for calculating an error in time for date and hour which is a reference when the radio terminal arrives at the respective destinations, based on information specified by ~~this~~ the movement specifying means;

data distribution plan information generating means for obtaining date and hour when the radio terminal arrives at a destination from the respective departure places using the mobile means specified by said movement specifying means by correcting an error calculated by the error calculating means from the date and hour in case of using the reference required time periods, as date and hour when it arrives at the destination most quickly within a range of the error;

arrival time point detecting means for comparing arrival date and hour corrected for each destination, which is generated by ~~this~~ the data distribution plan information generating means, with current date and hour, and detecting a

time point when said radio terminal arrives at the respective destinations;

distribution data storing means for storing a data to be distributed to said radio terminal for every destination; and

distribution data distributing means for distributing [[a]] distribution data corresponding to a destination from the distribution data storing means every time said arrival time point detecting means detects arrival of said radio terminal at the respective destinations.

2. (Currently Amended) A data distribution system recited in claim 1, the data distribution system further comprises[[]];

an error table for representing a standard error of dispersion in time of arrival from a departure place to a destination in accordance with the mobile means, and

a coefficient table for storing variation coefficients of an error in date and hour at departure; and

wherein said error calculating means calculates an error by multiplying a corresponding error described in the error table by the variation coefficients of an error in date and hour at departure.

3. (Currently Amended) A data distribution system recited in claim 2, wherein said variation coefficients of an error in said date and hour are different from each other dependent upon a day of week.

4. (Original) A data distribution system recited in claim 1, said data distribution system further comprises an overwrite means for overwriting the distribution data distributed when the said radio terminal arrived at a previous destination by the distribution data distributed when the above-mentioned radio terminal arrived at the new destination.

5. (Original) A data distribution system recited in claim 1, wherein said mobile information table is suitably updated by means of the newest information.

6. (Currently Amended) A data distribution system comprising:
based on longitude and latitude representing a typical position in destinations that are places where utilization of information distributed in advance is conducted by means of a radio terminal, and areas of ~~these~~ the destinations, a longitude and latitude table for contrasting errors between said typical position and other positions in the destinations and storing ~~them~~ the errors;

ais destination specifying means for specifying destinations stored in this longitude and latitude table;

longitude and latitude measuring means for measuring longitude and latitude at respective time points during movement of said radio terminal;

arrival time point detecting means for detecting a time point when a position measured by the longitude and latitude measuring means arrives within a range of said errors centering around said typical position of a corresponding destination stored in said longitude and latitude table, when said radio terminal moves to a destination specified by said destination specifying means;

distribution data storing means for storing a data to be distributed to said radio terminal for every destination; and

distribution data distributing means for distributing ~~[[a]]~~ distribution data corresponding to a destination from the distribution data storing means every time said arrival time point detecting means detects arrival of said radio terminal at the respective destinations.

7. (Original) A data distribution system recited in claim 6, said data distribution system further comprises an overwrite means for overwriting the distribution data distributed when the said radio terminal arrived at a previous

destination by the distribution data distributed when the above-mentioned radio terminal arrived at the new destination.

8. (Currently Amended) A data distribution system comprising:

a mobile information table for storing reference required time periods which are references of required time periods required when a radio terminal moves to a destination that is a place of a destination of movement from departure places which are origins of the movement, respectively, and that is a place where utilization of information distributed in advance is conducted by means of the radio terminal, in accordance with mobile means which is used for movement;

ais movement specifying means for specifying departure places and destinations stored in ~~this~~ the mobile information table in accordance with a movement schedule together with starting date and hour of the movement and the mobile means;

longitude and latitude measuring means for measuring longitude and latitude at respective time points during movement of said radio terminal;

error calculating means for successively calculating an error in time for date and hour which is a reference when the radio terminal arrives at a destination by comparing measurement values of ~~this~~ the longitude and latitude measuring means with each other;

data distribution plan information generating means for obtaining date and hour when the radio terminal arrives at a destination from the respective departure places using the mobile means specified by said movement specifying means by correcting an error calculated by the error calculating means from the date and hour in case of using the reference required time periods, as date and hour when it the radio terminal arrives at the destination most quickly within a range of the error;

arrival time point detecting means for comparing arrival date and hour corrected for each destination, which is generated by ~~this~~ the data distribution plan information generating means, with current date and hour, and detecting a

time point when said radio terminal arrives at the respective destinations;

distribution data storing means for storing a data to be distributed to said radio terminal for every destination; and

distribution data distributing means for distributing [[a]] distribution data corresponding to a destination from the distribution data storing means every time said arrival time point detecting means detects arrival of said radio terminal at the respective destinations.

Q15 9. (Original) A data distribution system recited in claim 8, said data distribution system further comprises an overwrite means for overwriting the distribution data distributed when the said radio terminal arrived at a previous destination by the distribution data distributed when the above-mentioned radio terminal arrived at the new destination.

10. (Original) A data distribution system recited in claim 8, wherein said mobile information table is suitably updated by means of the newest information.

11. (New) A data distribution system recited in claim 1, further comprising:

means for requesting location information from said radio terminal to be sent at a first periodic time interval by way of a first radio signal sent from said data distribution system to said radio terminal,

wherein said means for requesting determines the first period time interval based on a current distance that said radio terminal is away from a next destination of said radio terminal.

12. (New) A data distribution system recited in claim 11, wherein the first periodic time interval is changed to a second periodic time interval that is shorter than the first periodic time interval, by way of a second radio signal

915 sent from said data distribution system to said radio terminal, when said radio terminal is determined to be within a predetermined distance of the next destination of said radio terminal.
